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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/735,614	12/14/2000	Jea-Yong Yoo	2950-0179P	5790

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BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

EXAMINER

PILLAI, NAMITHA

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 06/04/2003

8

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/735,614

Applicant(s)

YOO ET AL.

Examiner

Namitha Pillai

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 15, 67
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The abstract is objected to for exceeding 150 words.

2. The disclosure is objected to because of the following informalities: Page 12 contains a partial list of the claims, which must be removed.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-12 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U. S. Patent No. 5,929,857 (Dinallo et al.).

Referring to claim 1, Dinallo discloses a means for displaying a menu for an external device that is connected to an audio/video apparatus, such as is the case for DVD players (column 2, lines 42-48). Dinallo discloses displaying menu images including menu items

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associated with the functions of the external device and the menu items based on the selection of an image of the detailed menu provided by the external device (column 3, lines 22-39). Dinallo discloses requesting and receiving the image of the detail menu to the external device in response to the selection of a menu item associated with requesting the image of the detailed menu and displaying the image of this detailed menu (column 11, lines 1-14).

Referring to claim 2, Dinallo discloses a storage means for memory, which can be stored in the apparatus, is used for storing data used for generating the menu image and displaying it on the screen (column 2, lines 42-48).

Referring to claim 3, Dinallo discloses a means for connecting the external device to the output screen through a digital interface means of the "DVD browser engine". This interface level decodes the data stream information from the DVD player and displays the appropriate image to the screen. See column 7, lines 16-30.

Referring to claim 4, Dinallo discloses that the data received from the external devices, which is used to display the information on to the screen, is in the image form (column 3, lines 29-39).

Referring to claim 5, Dinallo discloses that buttons allowing user interactions are displayed and upon selection a predefined command corresponding to the selected menu item is transmitted to the external device. The menu items being "play", "stop", etc, allowing for manipulation of the DVD data stream. See column 8, lines 60-65.

Referring to claim 6, Dinallo discloses using pointing device to select the menu images. When this selection is made, the image at the cursor position, and the predefined commands

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concerning these images are sent to the DVD player, allowing the user to manipulate the DVD data stream. See column 9, lines 19-22.

Referring to claim 7, Dinallo discloses a means for displaying a menu for an external device that is connected to an audio/video apparatus, such as is the case for DVD players (column 2, lines 42-48). Dinallo discloses displaying menu images including menu items associated with the functions of the external device and the menu items based on the selection of an image of the detailed menu provided by the external device (column 3, lines 22-39). Dinallo discloses transmitting command data to the DVD player to manipulate the DVD data stream, through the manipulation of buttons such as "play", "stop", etc, these menu items being associated with the functions or operations of the external device (column 8, lines 60-67).

Referring to claim 8, Dinallo discloses displaying menu items including play, stop, fast forward, rewind, pause and pan/scan and step modes, wherein the panning, scanning and stepping would include such functions as fast backward, skip forward and skip backward. See column 8, lines 60-62 and column 9, lines 26-28.

Referring to claim 9, Dinallo discloses a means for displaying a menu for an external device that is connected to an audio/video apparatus, such as is the case for DVD players (column 2, lines 42-48). Dinallo discloses displaying menu images including menu items associated with the functions of the external device and the menu items based on the selection of an image of the detailed menu provided by the external device (column 3, lines 22-39). Dinallo discloses transmitting command data to the DVD player to manipulate the DVD data stream, through the manipulation of buttons such as "play", "stop", etc, these menu items being associated with the functions or operations of the external device (column 8, lines 60-67).

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Dinallo discloses a means for connecting the external device to the output screen through a digital interface means of the "DVD browser engine". This interface level decodes the data stream information from the DVD player and displays the appropriate image to the screen. See column 7, lines 16-30. Dinallo discloses using pointing device to select the menu images. When this selection is made, the image at the cursor position, and the predefined commands concerning these images are sent to the DVD player, allowing the user to manipulate the DVD data stream. See column 9, lines 19-22.

Referring to claim 10, Dinallo discloses that the image of the detailed menu is image data that are generated based on data read out from an information-stored medium loaded in the external device (column 7, lines 13-29).

Referring to claim 11, Dinallo discloses that the menu item on the image displayed is highlighted when the cursor is positioned over it (column 7, lines 27-30).

Referring to claim 12, Dinallo discloses a means for displaying a menu for an external device that is connected to an audio/video apparatus, such as is the case for DVD players (column 2, lines 42-48). Dinallo discloses displaying menu images including menu items associated with the functions of the external device and the menu items based on the selection of an image of the detailed menu provided by the external device (column 3, lines 22-39). Dinallo discloses transmitting command data to the DVD player to manipulate the DVD data stream, through the manipulation of buttons such as "play", "stop", etc, these menu items being associated with the functions or operations of the external device (column 8, lines 60-67). Dinallo discloses requesting and receiving the image of the detail menu to the external device in

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response to the selection of a menu item associated with requesting the image of the detailed menu and displaying the image of this detailed menu (column 11, lines 1-14).

Conclusion

4. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach a system for creating menus for external devices.

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington D.C. 20231. If applicant desires to fax a response, (703) 746-7238 may be used for formal After Final communications, (703) 746-7239 for Official communications, or (703) 746-7240 for Non-Official or draft communications. NOTE: A Request for Continuation (Rule 60 or 62) cannot be faxed. Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document. Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Namitha Pillai whose telephone number is (703) 305-7691. The examiner can normally be reached on 8:30 AM - 5:30 PM.

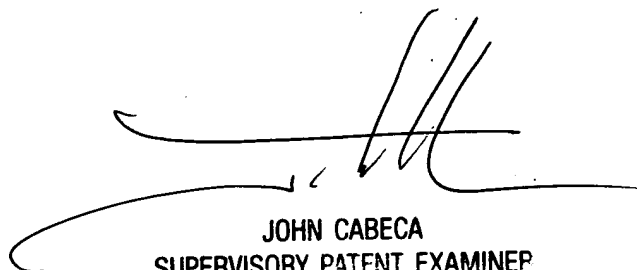
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116.

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All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Namitha Pillai
Assistant Examiner
Art Unit 2173
May 30, 2003



JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER